



Matthew Rodriguez
Secretary for
Environmental Protection



Department of Toxic Substances Control

Barbara A. Lee, Director
5796 Corporate Avenue
Cypress, California 90630



Edmund G. Brown Jr.
Governor

February 14, 2017

Mr. Robert Beers
Project Manager
Friends of the Riverside Airport, LLC
P.O. Box 3517
Jurupa Valley, California 92519

APPROVAL OF REQUEST FOR ABANDONEMENT OF GROUNDWATER MONITORING
WELLS MW-6R AND MW-7R, RIVERSIDE AGRICULTURAL PARK, 7020 CREST
AVENUE, RIVERSIDE CALIFORNIA

Dear Mr. Beers:

On January 26, 2017, the Department of Toxic Substances Control (DTSC) received a request from the Friends of the Riverside Airport, LLC, (FRA) July 26, 2016 Soil Sampling and Excavation Work Plan to remove Groundwater Monitoring Wells MW-6R and MW-7R (Attachment 1) that were installed by DTSC in September 2015 at the Riverside Ag Park property located at 7020 Crest Avenue, Riverside, California (Site).

These monitoring wells were sampled by DTSC for four consecutive quarters, starting in fourth quarter 2015. The data indicates that polychlorinated biphenyls (PCBs) have not been detected in groundwater samples collected from these wells. US EPA approved this request on January 27th, 2017 (Attachment 2). DTSC agrees that the groundwater monitoring wells may be abandoned at this time.

If you have any questions or concerns, please do not hesitate to contact me at Peter.Garcia@dtsc.ca.gov.

Sincerely,

Peter A. Garcia
Branch Chief
Brownfields Restoration and School Evaluation Branch
Brownfields and Environmental Restoration Program

Attachment 1 – FRA Well Abandonment Request
Attachment 2 – US EPA Approval of FRA Well Abandonment Request

cc: See next page.

Mr. Robert Beers
February 14, 2017
Page 2

cc: Mr. Gilbert Martinez
Director of Outreach
Senator Richard D. Roth
31st Senate District
State Capitol, 4034
Gilbert.Martinez@sen.ca.gov

Ms. Melanie Ling
Constituent Services Representative
Office of Congressman Mark Takano (CA-41)
3403 Tenth Street, Suite 610
Riverside, California 92501
Melanie.Ling@mail.house.gov

Mr. Al Zelinka, Assistant City Manager
City of Riverside
3900 Main Street
Riverside, California 92522
Azelinka@riversideca.gov

Mr. Moises Lopez
City of Riverside
3900 Main Street
Riverside, California 92522
MLopez@riversideca.gov

Mr. Mark Steuer
City of Riverside
3900 Main Street
Riverside, California 92522
MSteuer@riversideca.gov

Ms. Sara Ziff, P.E.
Project Manager
Corrective Action Section
U.S. EPA, Region 9
75 Hawthorne Street (LND-4-1)
San Francisco, CA 94105
ziff.sara@epa.gov

Dr. Patrick Wilson
Corrective Action Office
USEPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
Wilson.Patrick@epa.gov

Mr. Robert Beers
February 14, 2017
Page 3

cc: Mr. Steven S. Armann, Manager
Corrective Action Office (LND-4-1)
USEPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
armann.steve@epa.gov

Ms. Dot Lofstrom, PG
Division Chief
Brownfields and Environmental Restoration Program
Dot.Lofstrom@dtsc.ca.gov

Ms. Isabella Alasti
Attorney
Office of Legal Affairs
Isabella.Alasti@dtsc.ca.gov

Friends of Riverside Airport, LLC

8175 Limonite Avenue, Suite E
Riverside, CA 92509

Sent via email to Maryam.Tasnif-abbasi@dtsc.ca.gov, ziff.sara@epa.gov

Thursday, January 26, 2017

Mrs. Maryam Tasnif-Abbasi
State of California
Department of Toxic Substances Control
5796 Corporate Avenue
Cypress, CA 90630

Re: Request for approval to remove Groundwater Monitoring Wells MW-6R and MW-7R
Former Agricultural Park - Riverside, CA

Dear Mrs. Tasnif-Abbasi:

We request approval from DTSC and USEPA to remove Groundwater Monitoring Wells MW-6R and MW-7R that were installed by DTSC in September 2015. In accordance with the approved work plan for the Ag Park site, these monitoring wells were to be sampled for four consecutive quarters, starting in fourth quarter 2015.

That work has been completed by DTSC's subconsultant, and laboratory testing results have been submitted to both DTSC and USEPA. Based on the results, we request your authorization to remove/abandon these wells. FRA is in the process of obtaining well abandonment permits from the Riverside County Department of Environmental Health. Please find attached, the well abandonment permit applications for this work for your reference.

Please call either Ross Surrency or myself if you have any questions regarding this request.

If a response is not received before February 15, 2017, FRA plans to proceed with well abandonment activities.

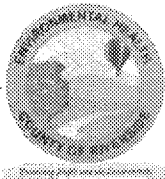
Very Truly Yours;

Friends of Riverside Airport, LLC

Robert M. Beers

Cc: Sara Ziff, EPA via email
Ross Surrency, TRC via email
David Lennon, TRC via email

Phone: (951) 360-2070
Fax: (951) 360-2080



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

WELL PERMIT APPLICATION

- ☒ 3880 Lemon Street • Suite 200 • Riverside • CA • 92501 – (951) 955-8980
☐ 47-950 Arabia Street • Suite A • Indio • CA 92201 – (760) 863-7570

OWNER

Name Friends of Riverside Airport LLC
Mailing Address 8175 Limonite Ave
City Riverside State CA
Zip 92509 Phone No. ()
E-mail rmbeers777@hotmail.com ☐ N/A

SITE ADDRESS 7020 Crest Avenue
City Riverside ☐ RCDEH-LOP Site
APN _____
Township _____ Range _____ Section _____
Wellhead GPS Coordinates (Lat./Lon.):
33.9605561 / -117.4729640
Provide Plot Plan & Vicinity Map on Attachment #2

WELL DRILLER

Name Cascade
Phone (909) 948-1605
E-mail hlopez@cascade-env.com ☒ N/A
Riv. Co. Registration No. PI0000137
C-57 License No. 422904

CONSULTANT

Name TRC Solutions
Address 9685 Research drive City Irvine
State CA Zip 92618 Phone (949) 727-7324
E-mail RSurrency@trcsolutions.com ☐ N/A

DATE OF WORK

Start TBD Complete _____

I have read this application and agree to comply with all laws regulating the type of work being performed.

Driller's Signature _____

Date 1/25/17

I declare under penalty of perjury under the laws of the State of California that the information furnished as part of this application is true and correct. I also understand that I am legally obligated to obey all requirements of state law and Riverside County Ordinances in connection with the approval of this application.

Property Owner's Signature _____

Date 1/25/17

DISPOSITION OF PERMIT
DEH USE ONLY

☐ Approved ☐ Denied

Notify the Department 48 hours in advance to make an inspection of the following operations:

- ☐ Prior to sealing of the annular space or filling of the conductor casing.
☐ After installation of the surface protective slab and pumping equipment.
☐ During destruction of wells, prior to pouring the sealing material.

Other: _____

Specialist: _____

Date: _____

Submit to the Department within thirty (30) days after completion of work, a copy of **Water Well Driller's Report (DWR 188)**

NOTE: Properties located within an Adjudicated Basin or within Water District boundaries may be subject to restriction or usage as determined by the Water Master or District agreements.

DEH USE ONLY

Permit No. _____
Expiration _____
EHW No. _____

TYPE OF WORK (check)

☐ New ☐ Reconstruction ☒ Destruction

Describe reconstruction or destruction method on Attachment 1

WELL TYPE (check)

☐ Agricultural ☐ Community ☒ Monitoring
☐ Individual ☐ Cathodic
☐ Other _____

Type of rig _____

ANNULAR SEAL

Depth 26 ft.
Borehole Diam. 10 in.
Conductor Diam. 10.5 in.
Annular Thickness _____ in.
Sealing Material Portland Grout

DEPTH OF WELL (feet)

Proposed _____ Existing 43.5'
Diameter of Bore (in.) 10

WELL CASING

☐ Steel ☒ PVC ☐ Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	43.5	10	

GRAVEL PACK ☒ Yes ☐ No

From 26' to 43.5' ft.

PERFORATIONS (if applicable)

From 28' to 43.5' ft.

SEALED ZONES (if applicable)

From _____ to _____ ft.

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH

**WELL PERMIT APPLICATION
PLOT PLAN INSTRUCTIONS**

1. The Plot Plan (see Attachment #2) shall show the proposed well location with respect to the following items with a radius of five-hundred feet (500') from the well;
 - a. Property lines, including ownership.
 - b. Sewage or waste disposal systems, (including reserved waste disposal expansion areas), or works for carrying or containing sewage or waste.
 - c. Location of underground storage tank(s).
 - d. All intermittent or perennial, natural, or artificial bodies of water or watercourses.
 - e. The approximate drainage pattern of the property.
 - f. Other wells, including abandoned wells.

NOTE: All abandoned wells on this property must be properly destroyed before a new well permit can be issued.

- g. Access road(s) to the well site.
 - h. Structures.
2. Location of the property on a vicinity map (see Attachment #2)
3. Legal description of property including Assessor's Parcel Map.
4. Location and classification by visual inspection of any solid, liquid, or hazardous waste disposal sites to include municipal and individual package sewage treatment plants within two-thousand feet (2000') of the proposed well.
5. Animal corrals and pens.
6. Other information that has been requested by the Department of Environmental Health to determine if the under-ground waters will be adequately protected.

Space below is to be used to describe reconstruction or destruction method used

The 10.5 inch conductor casing will be overdrilled then removed from the ground. Then, the 2-inch diameter PVC casing will be overdrilled to total depth. The borehole will be backfilled with bentonite grout from total depth up to 2 feet below ground surface. The remaining 2 feet will be backfilled with native soil.

COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH

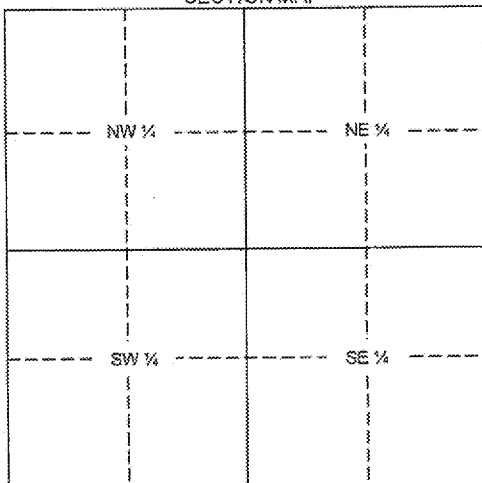
PLOT PLAN

Assessor's Parcel Number



NOTE: Please see Attachment 1 for information that must be shown on this Plot Plan in order to process this permit application.

SECTION MAP

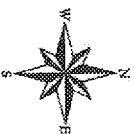
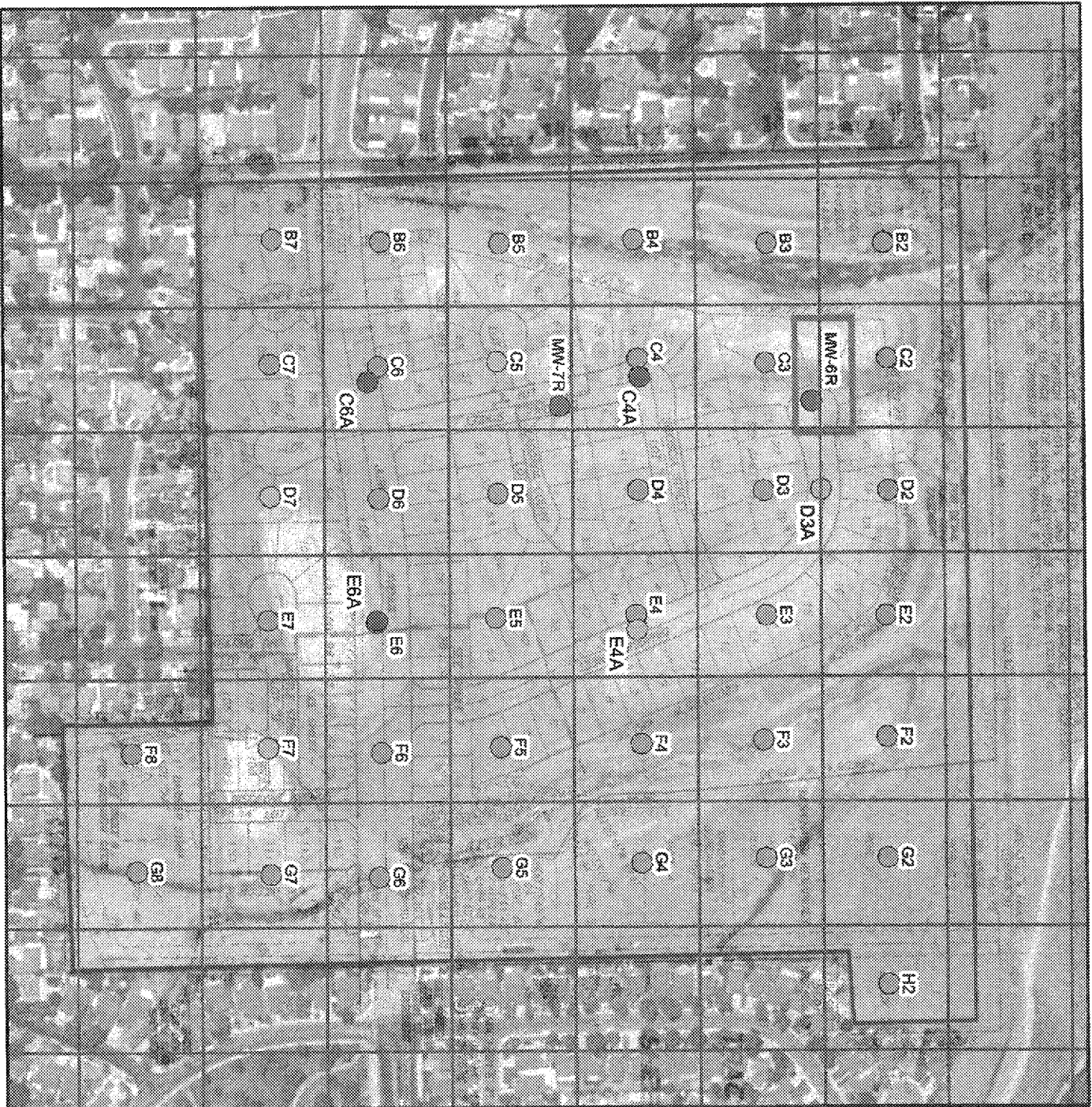


VICINITY MAP

FIGURE 2
Riverside Agricultural Park
7020 Crest Avenue
Riverside, California
Soil Boring Locations

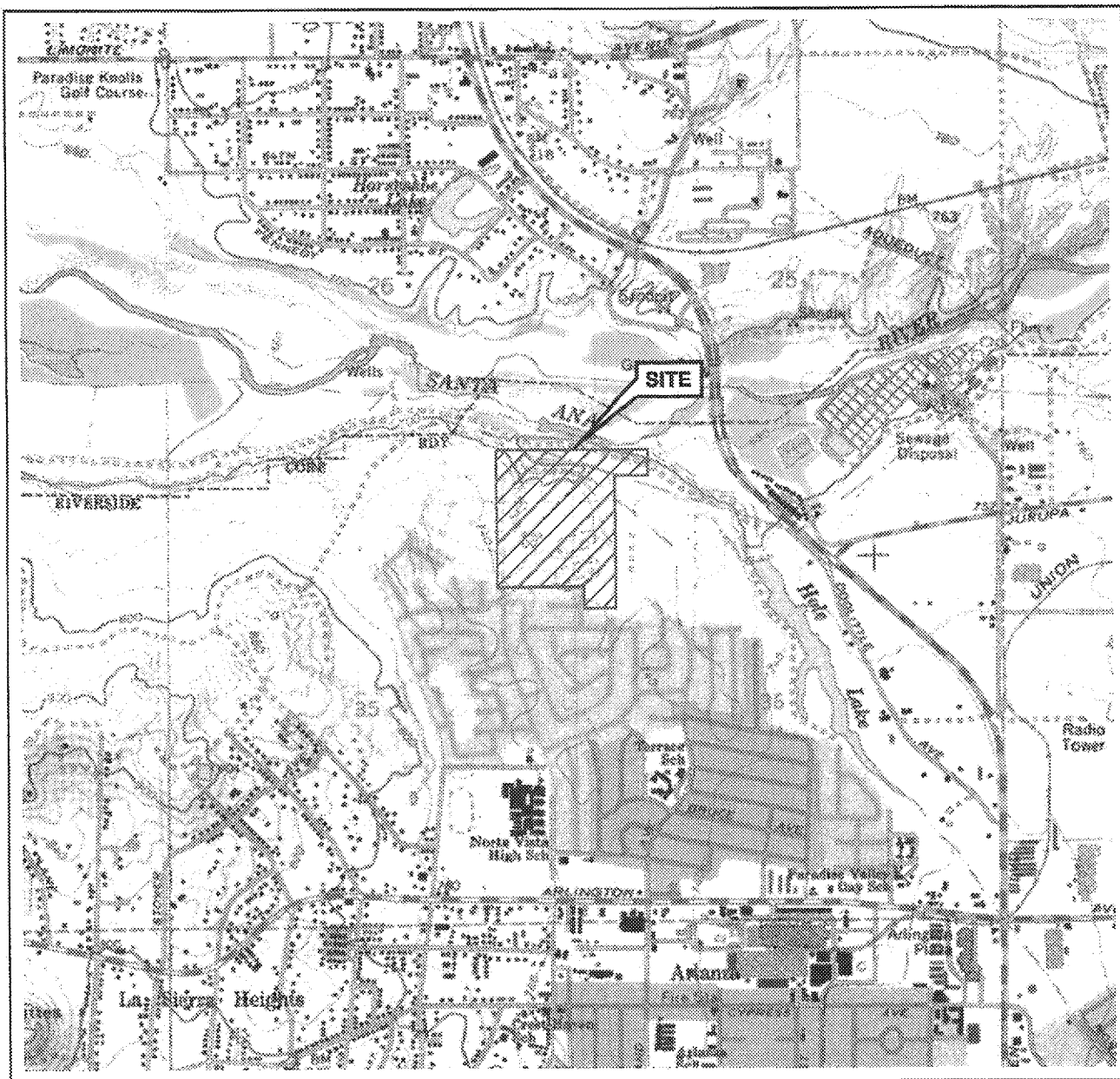
Legend

- Surface Soil Sample Location
- Intermediate Depth Boring Location
- Deep Boring Location
- Groundwater Well Location
- Approximate Riverside Agricultural Park Boundary
- 250 x 250 foot grid



0 100 200 400 Feet

Figure created October 30 2015



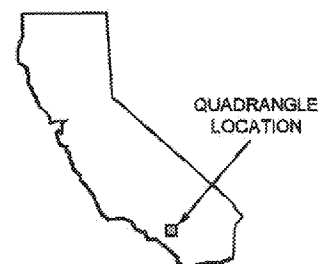
SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Riverside West Quadrangle

0 1/4 1/2 3/4 1 MILE



SCALE 1:24,000



QUADRANGLE
LOCATION



FACILITY:

FRIENDS OF THE RIVERSIDE
AIRPORT, LLC
7020 CREST AVENUE
RIVERSIDE, CALIFORNIA

VICINITY MAP

FIGURE 1



County of Riverside
DEPARTMENT OF ENVIRONMENTAL HEALTH

www.rivcoeh.org

WELL PERMIT APPLICATION

- ☒ 3680 Lemon Street • Suite 200 • Riverside • CA • 92501 – (951) 955-8980
☐ 47-950 Arabia Street • Suite A • Indio • CA 92201 – (760) 863-7570

OWNER

Name Friends of Riverside Airport LLC
Mailing Address 8175 Limonite Ave
City Riverside State CA
Zip 92509 Phone No. ()
E-mail rmbeers777@hotmail.com ☐ N/A

SITE ADDRESS 7020 Crest Avenue
City Riverside ☐ RCDEH-LOP Site
APN _____
Township _____ Range _____ Section _____
Wellhead GPS Coordinates (Lat./Lon.):
33.9591594 / -117.4729807
Provide Plot Plan & Vicinity Map on Attachment #2

WELL DRILLER

Name Cascade
Phone (909) 946-1605
E-mail hlopez@cascade-env.com ☒ N/A
Riv. Co. Registration No. PI0000137
C-57 License No. 422904

CONSULTANT

Name TRC Solutions
Address 9685 Research drive City Irvine
State CA Zip 92618 Phone (949) 727-7324
E-mail RSurrency@trcsolutions.com ☐ N/A

DATE OF WORK

Start TBD Complete _____

DEH USE ONLY

Permit No. _____
Expiration _____
EHW No. _____

TYPE OF WORK (check)

☐ New ☐ Reconstruction ☒ Destruction

Describe reconstruction or destruction method on Attachment 1

WELL TYPE (check)

☐ Agricultural ☐ Community ☒ Monitoring
☐ Individual ☐ Cathodic
☐ Other _____

Type of rig _____

ANNULAR SEAL

Depth 17 ft.
Borehole Diam. 10 in.
Conductor Diam. 10.5 in.
Annular Thickness _____ in.

Sealing Material Portland Grout

DEPTH OF WELL (feet)

Proposed _____ Existing 29'
Diameter of Bore (in.) 10

WELL CASING

☐ Steel ☒ PVC ☐ Other

From (ft.)	To (ft.)	Dia. (in.)	Wall (Gage)
0	43.5	10	

GRAVEL PACK ☒ Yes ☐ No

From 17' to 29' ft.

PERFORATIONS (if applicable)

From 19' to 29' ft.

SEALED ZONES (if applicable)

From _____ to _____ ft.

I have read this application and agree to comply with all laws regulating the type of work being performed.

Driller's Signature _____

Date 1/25/17

I declare under penalty of perjury under the laws of the State of California that the information furnished as part of this application is true and correct. I also understand that I am legally obligated to obey all requirements of state law and Riverside County Ordinances in connection with the approval of this application.

Property Owner's Signature _____

Date 1/25/17

DISPOSITION OF PERMIT
DEH USE ONLY

☐ Approved ☐ Denied

Notify the Department 48 hours in advance to make an inspection of the following operations:

- ☐ Prior to sealing of the annular space or filling of the conductor casing.
☐ After installation of the surface protective slab and pumping equipment.
☐ During destruction of wells, prior to pouring the sealing material.

Other: _____

Specialist: _____

Date: _____

Submit to the Department within thirty (30) days after completion of work, a copy of **Water Well Driller's Report (DWR 188)**

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COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH

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COUNTY OF RIVERSIDE
DEPARTMENT OF ENVIRONMENTAL HEALTH

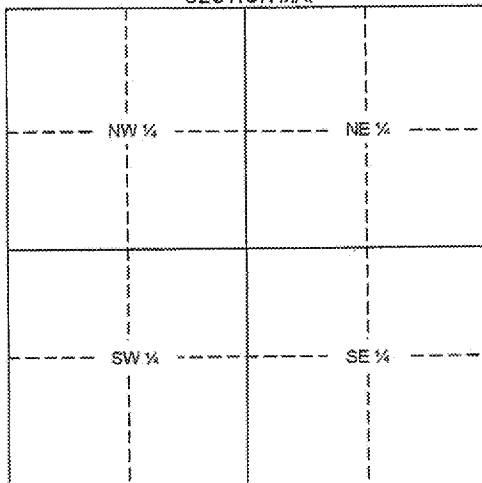
PLOT PLAN

Assessor's Parcel Number



NOTE: Please see Attachment 1 for information that must be shown on this Plot Plan in order to process this permit application.

SECTION MAP

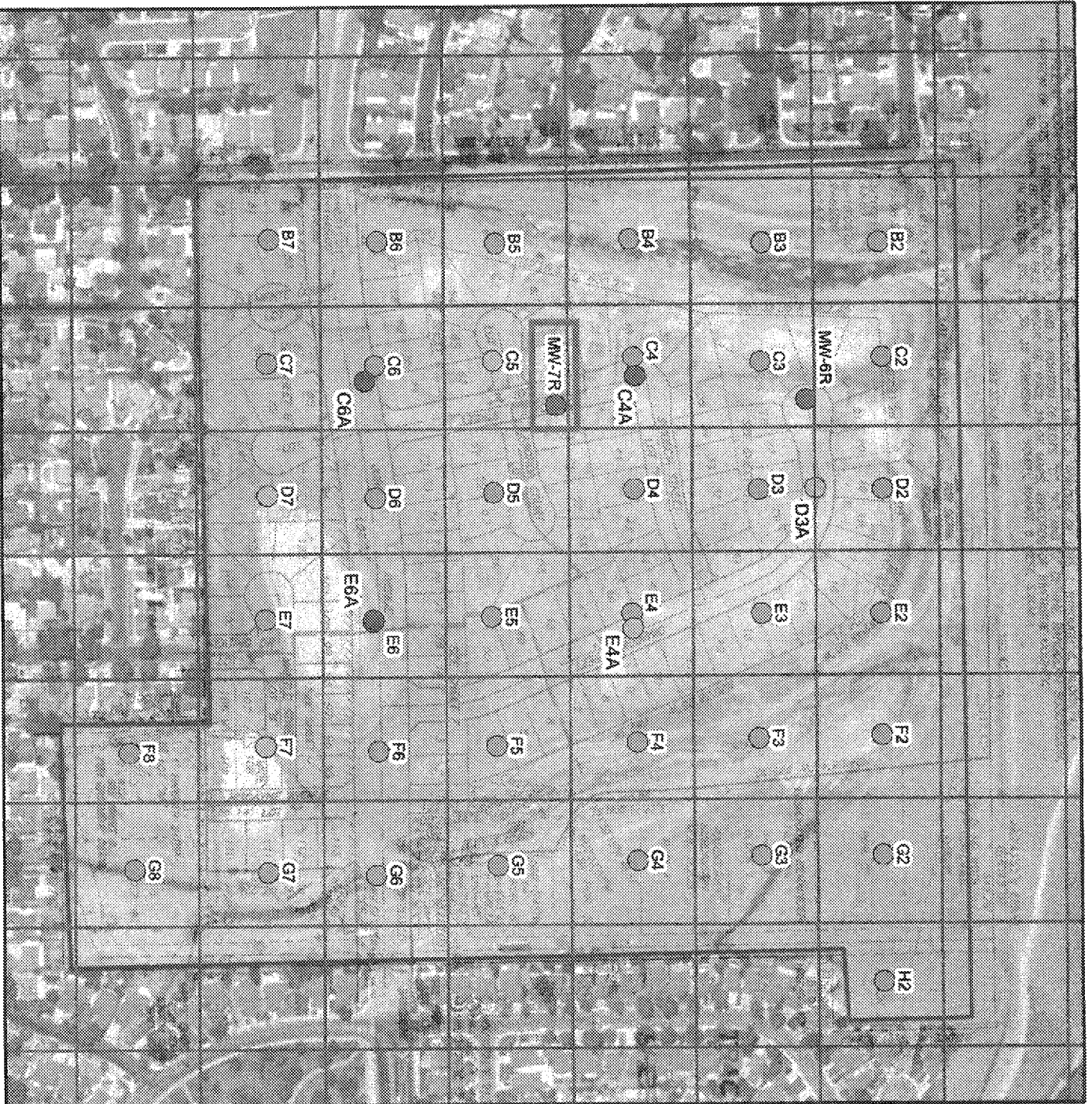


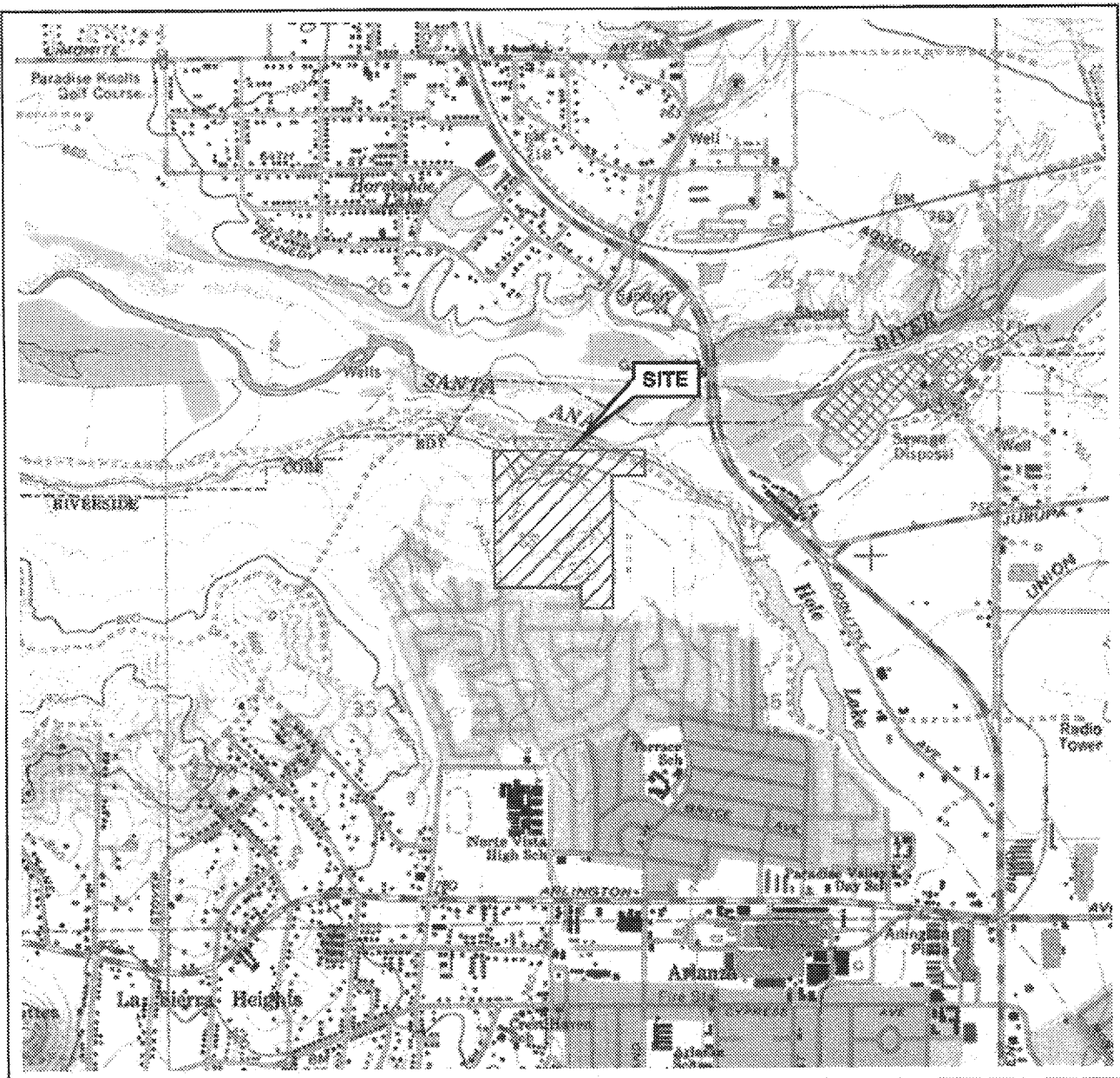
VICINITY MAP

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7020 Crest Avenue
Riverside, California
Soil Boring Locations

Legend

- Surface Soil Sample Location
- Intermediate Depth Boring Location
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- Groundwater Well Location
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- 250 x 250 foot grid





SOURCE:

United States Geological Survey
7.5 Minute Topographic Map:
Riverside West Quadrangle

0 1/4 1/2 3/4 1 MILE

SCALE 1:24,000



FACILITY:

FRIENDS OF THE RIVERSIDE
AIRPORT, LLC
7020 CREST AVENUE
RIVERSIDE, CALIFORNIA

VICINITY MAP

FIGURE 1

Tasnif-abbasi, Maryam@DTSC

From: ZIFF, SARA <ZIFF.SARA@EPA.GOV>
Sent: Friday, January 27, 2017 12:40 PM
To: Robert Beers; Tasnif-abbasi, Maryam@DTSC
Cc: David Lennon; Ross Surrency; Wilson, Patrick; Baylor, Katherine; Armann, Steve
Subject: RE: Ag Park - Ground Water Well Abandonment Request

Hi Bob and Maryam,

EPA has no issues with the wells at Ag Park being properly abandoned at this time. Please let me know if you have any further questions.

Best regards,

Sara

^^^^^^^^^^^^^^^^^^
Sara Ziff, P.E.
Project Manager
Corrective Action Section
U.S. EPA, Region 9
75 Hawthorne Street (LND-4-1)
San Francisco, CA 94105
(415) 972-3536
ziff.sara@epa.gov

From: Robert Beers [mailto:rmbeers777@hotmail.com]
Sent: Thursday, January 26, 2017 9:39 PM
To: mtasnif@dtsc.ca.gov
Cc: ZIFF, SARA <ZIFF.SARA@EPA.GOV>; David Lennon <dlennon@trcsolutions.com>; Ross Surrency <rsurrency@trcsolutions.com>
Subject: Ag Park - Ground Water Well Abandonment Request

Maryam:

We are continuing to move forward with the site cleanup of the Ag Park in accordance with the approved work plan.

We need to schedule the removal of the two ground water monitoring wells that were installed in 2015 as a part of the work plan for the site.

Please see attached letter and Well Abandonment Permit documents as a part of our request to remove those two wells.

Please contact me if you have any questions regarding this request.

Thank you.

Bob Beers
Friends of Riverside Airport, LLC